

MadSci Network: Physics**Re: What is a Beam-splitter, Beam-spreader, and where can I find the holographic**

Date: Sat Apr 17 10:50:48 1999

Posted By: Larry Lurio, Staff, Center for Materials Science and Engineering, IMM-CAT

Area of science: Physics

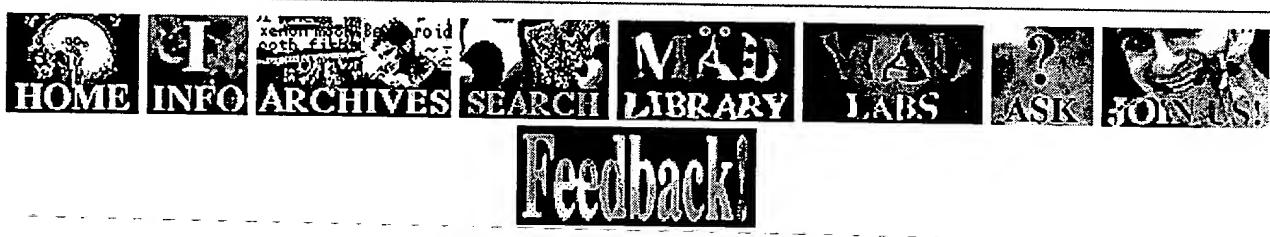
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Message:

Dear Sean, A beam splitter is a partially silvered mirror which allows you to divide a beam of light into two parts, one which reflects off of the mirror and one which goes through it. A beam spreader is a system of lenses which takes a beam of light and makes it wider. A good place to find optics supplies for science projects is edmund scientific which also sells a short manual on how to make holgrams. There is also a nice web page at www.holostudios.com that talks about the science and art of holography. I hope this gives you a place to start. Larry

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Attachment A